

		2002/03	Estimated														
Activity		Actuals	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
312100 - SFPUC																	
Units	(1)	10157	10532	11983	12018	12053	12088	12108	12108	10529	10529	10529	10529	10529	10529	10529	10529
Delivery Charge	(2)	\$403	\$479	\$503	\$533	\$565	\$599	\$671	\$792	\$887	\$1,005	\$1,066	\$1,130	\$1,198	\$1,269	\$1,346	\$1,426
Annual Meter Charges	(2)	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336
Total Unit Cost - SFWD		\$429	\$504	\$525	\$555	\$587	\$621	\$693	\$814	\$912	\$1,031	\$1,091	\$1,155	\$1,223	\$1,295	\$1,371	\$1,452
312110-SCVWD																	
Units	(3)	12357	11630	10560	10032	10032	10032	9531	9531	9531	9055	9055	9055	9000	9000	9000	9000
Basic User Charge	(4)	\$340	\$375	\$405	\$435	\$470	\$515	\$560	\$605	\$625	\$645	\$665	\$685	\$705	\$725	\$745	\$765
Treated water Surcharge	(4)	\$80	\$85	\$90	\$100	\$100	\$100	\$100	\$103	\$106	\$109	\$113	\$116	\$121	\$125	\$130	\$136
Total Unit Cost - SCVWD	(5)	\$420	\$460	\$495	\$535	\$570	\$615	\$660	\$708	\$731	\$754	\$778	\$801	\$826	\$850	\$875	\$901
312120 - Wells																	
Units	(6)	1479	1400	2590	3161	3205	3248	3774	3819	5465	5997	6064	6131	6254	6321	6377	6455
Unit Cost - Pump Tax		\$340	\$375	\$405	\$435	\$470	\$515	\$560	\$605	\$625	\$645	\$665	\$685	\$705	\$725	\$745	\$765
Unit Cost - Power	(7)	\$80	\$80	\$82	\$83	\$85	\$87	\$88	\$90	\$92	\$94	\$96	\$98	\$100	\$103	\$107	\$110
Total Unit Cost - Wells		\$420	\$455	\$487	\$518	\$555	\$602	\$648	\$695	\$717	\$739	\$761	\$783	\$805	\$828	\$852	\$875
TOTAL POTABLE WATER (AF)		23,993	23,562	25,133	25,211	25,290	25,368	25,413	25,458	25,525	25,581	25,648	25,715	25,783	25,850	25,906	25,984
TOTAL POTABLE WATER (\$)		\$ 10,171,727	\$ 11,298,964	\$ 12,782,712	\$ 13,678,968	\$ 14,575,677	\$ 15,633,285	\$ 17,126,652	\$ 19,254,991	\$ 20,488,617	\$ 22,113,290	\$ 23,148,733	\$ 24,216,181	\$ 25,344,736	\$ 26,516,590	\$ 27,742,934	\$ 29,041,898
SFPUC Minimum for Rebate Eligibility	(8)	10594	10280	11983	12018	12053	12088	12108	12128	12158	12183	12213	12243	12273	12303	12328	12363
Recycled Water																	
Units @ AG./ Institutional Rate	(9)	331	331	331	321	321	321	321	321	321	321	321	321	321	321	321	321
Units @ 90% of Landscape Rate		1220	1220	1343	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353
Total Units Recycled Water	(10)	1551	1551	1674	1674	1674	1674	1674	1674	1674	1674	1674	1674	1674	1674	1674	1674
Production No. Used for Chart	(11)		25042	25200	25340	25872	26345	26762	27132	27199	27255	27322	27389	27457	27524	27580	27658
Est. Production per SFPUC Consultant	(12)			26807	26885	26964	27042	27087	27132	27199	27255	27322	27389	27457	27524	27580	27658
"Old" Production Est. based on Build out	(13)	25,544	25,113	25,200	25,340	25,508	25,648	25,788	25,928	26,096	26,236	26,376	26,516	26,684	26,824	26,964	27,104
% Below "Build out Year" (28,000 AF)	(14)	11.0%	13.0%	10.0%	9.5%	8.9%	8.4%	7.9%	7.4%	6.8%	6.3%	5.8%	5.3%	4.7%	4.2%	3.7%	3.2%

FOOTNOTES:

- (1) SFPUC is minimum that will allow for \$115/AF R/W rebate from SCVWD until the cost increase gets too big. Then revert to SFPUC contract minimum.
- (2) Rates are based on **BAWSCA** projected increases dated April 1, 2004. A minimum of 6% increase was held where a lower rate was quoted, and beyond 2014, the end of the list received.
- (3) SCVWD planned withdrawal to the agreed contract amount. Can be adjusted downward 5% every 3 years. Assumed natural minimum of 9,000 AF.
- (4) SCVWD's treated water rate consists of a basic user charge (equivalent to the pump tax for well water) plus a treated water surcharge of a specific dollar amount.
Surcharge per memo of 12/4/03 through 2008/09, and annual 3% thereafter. Non-contract pricing is assumed to be not available.
- (5) Rates for FY 03/04 thru FY 07/08 are per SCVWD **UPDATED (but unofficial) projections of December 4, 2003**. Rates from FY10/11 \$20/AF increase/yr thereafter.
- (6) Wells become cheapest alternative and their use is maximized up to 8,000 AF, when higher power rates kick in. Before that time minimum use is made of well water for maintenance of well water quality and meeting peak demands.
- (7) Power rate increase is 2%/YR thru 12/13 and 3% thereafter.
- (8) Minimum use of SFPUC source to be eligible for 100% of SCVWD rebates for recycled water(the lesser of; 13,500 AF or 44.7% of total water purchased)
- (9) AG / Institutional use projections based on previous use. Will be updated as new projects come online.
Recycled water is "free" to the water program (no purchase cost).
- (10) Total Recycled Water production estimates are from EOA Inc., and assume completion of all Phase II facilities per the current schedule.
- (11) The "Production Number Used for the Chart" includes a period of adjustment from the current economic low to the higher ABAG trend. This number is used for the rest of the table.

NOTES - DO NOT INFLATE THESE NUMBERS; all dollar values are already inflated per

- The above rate projections are for specific ACCOUNT CODES ONLY. They do not
- This scenario represents maximizing the use of the least expensive source of water
- These projections point the obvious need to renegotiate the contract minimum with
Units = Acre-Feet (AF) Unit Cost = \$/AF

SPECIAL FOOTNOTE: It is unclear at this point when rate increases caused by future SFPUC
We have continued to split future water purchases somewhat equally between SFPUC /SCVWD
and increasing groundwater usage as other costs increased. We don't know at this time what

- (12) Water Production is from graph prepared in 2003 by SFPUC based upon accepted AF
Compiled in support of P62SFPUC programmatic CIP EIR for Hetch Hetchy system in
(13) Projected to increase gradually to "build-Out" year (Note this is the OLD method, user
(14) Build out consumption computed in 1995 Hydraulic network analysis based on planning

2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
10529	10529	10529	10529	10529	10529
\$1,512	\$1,603	\$1,699	\$1,801	\$1,909	\$2,023
\$267,336	\$267,336	\$267,336	\$267,336	\$267,336	\$267,336
\$1,537	\$1,628	\$1,724	\$1,826	\$1,934	\$2,049
9000	9000	9000	9000	9000	9000
\$785	\$805	\$825	\$845	\$865	\$885
\$141	\$147	\$153	\$159	\$165	172
\$926	\$952	\$978	\$1,004	\$1,030	1057
6522	6590	6679	6769	6859	6948
\$785	\$805	\$825	\$845	\$865	\$885
\$113	\$116	\$120	\$124	\$127	131
\$898	\$921	\$945	\$969	\$992	\$1,016
26,051	26,119	26,208	26,298	26,388	26,477
\$ 30,376,576	\$ 31,778,319	\$ 33,266,999	\$ 34,821,666	\$ 36,438,183	\$ 38,142,026
12393	12423	12463	12503	12544	12583
321	321	321	321	321	321
1353	1353	1353	1353	1353	1353
1674	1674	1674	1674	1674	1674
27725	27793	27882	27972	28062	28151
27725	27793	27882	27972	28062	28151
27,272	27,412	27,552	27,692	27,860	28,000
2.6%	2.1%	1.6%	1.1%	0.5%	0%

best estimate
t reflect the total unit cost at the activity level.
ter under current contract parameters.
h SFPUC. Contract renewal is in 2009

PUC capital projects will take place.
VWD, maintaining our minimum contract requirements,
hich supply source will ultimately be the least expensive.

.BAG population estimates, plus use of new Plumbing Code.
nprovements
d through 2003)
ng figures from Community Development